

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented): A wavelength-selective optical filtering component, capable of transmitting light of a narrow optical spectral band centered around a given wavelength (λ_c) and capable of reflecting light having a wavelength outside said band, comprising:

an optical filtering component including a Fabry-Perot cavity;

an input waveguide conveying light radiation into the cavity at a first angle of incidence (θ_1), in order to make a first pass therethrough; and

means for returning the light radiation that has passed through the cavity during the first pass in order to make a second pass through the cavity at a second angle of incidence (θ_2), and in that the second angle of incidence (θ_2) differs from the first angle of incidence (θ_1);

wherein the transfer function ($T_{1,2}(\lambda)$) of the component is defined by the multiplication of two transfer functions of spectrally offset Fabry-Perot filters.

2. (Previously Presented): The optical filtering component as claimed in claim 1, wherein the return means include an optical isolator.

3. (Previously Presented): The optical filtering component as claimed in claim 1, wherein the component includes a lens for focusing light radiation into the cavity, in that first light radiation leaves the input waveguide in the direction of the lens, in that second light radiation leaves the return means in the direction of the lens, in that the first light radiation and the second light radiation are approximately parallel to the optical axis of the lens and are offset transversely from the optical axis of the lens, and in that the offset (x_1) of the first light radiation is different from the offset (x_2) of the second light radiation.

4. (Previously Presented): The optical filtering component as claimed in claim 1, wherein the optical component is tunable.

5. (Previously Presented): The optical filtering component as claimed in claim 2, wherein the component includes a lens for focusing light radiation into the cavity, in that first light radiation leave the input waveguide in the direction of the lens, in that second light radiation leaves the return means in the direction of the lens, in that the first light radiation and the second light radiation are approximately parallel to the optical axis of the lens and are offset transversely from the optical axis of the lens, and in that the offset (x_1) of the first light radiation is different from the offset (x_2) of the second light radiation.

6. (Previously Presented): The optical filtering component as claimed in claim 2, wherein the optical component is tunable.

7. (Previously Presented): The optical filtering component as claimed in claim 3, wherein the optical component is tunable.